CLAIMS

1. An apparatus for cooling a compact disc, comprising:

an actuator configured to rotate the compact disc; and

an air-moving device driven by said actuator and configured to move air about the compact disc.

2. The apparatus of claim 1, wherein said actuator comprises a motor.

3. The apparatus of claim 1, wherein said air-moving device comprises a fan.

4. The apparatus of claim 1, further comprising a hub configured to retain the compact disc, said actuator being coupled to said hub and being configured to rotate said hub.

5. The apparatus of claim 4, wherein said air-moving device is attached to said hub.

6. The apparatus of claim 5, wherein said air-moving device includes a throughhole receiving said hub.

7. A device for at least one of reading and writing to a compact disc, comprising:

a hub configured to retain the compact disc;

at least one propeller attached to said hub; and

an actuator coupled to said hub and configured to rotate said hub such that said at least one propeller moves air about the compact disc.

8. The apparatus of claim 7, wherein said at least one propeller extends radially from said hub.

9. The apparatus of claim 7, wherein said at least one propeller has a pitch such that air is moved toward the compact disc when said actuator rotates said hub.

10. The apparatus of claim 7, wherein said at least one propeller comprises a plurality of propellers connected together by a closed ring.

11. The apparatus of claim 7, wherein said at least one propeller comprises a plurality of propellers defining a plane, said hub having an axis of rotation, said plane being nonperpendicular to the axis of rotation.

12. The apparatus of claim 11, wherein an angle between the plane and the axis of rotation is approximately between 60° and 89°.

13. The apparatus of claim 7, wherein said at least one propeller is configured to move air adjacent a read/write side of the compact disc.

14. The apparatus of claim 7, further comprising a read/write head, a radially outermost tip of said at least one propeller being closer to said hub in a radial direction than is said read/write head.

15. A method for processing a compact disc, comprising:

placing the compact disc on a rotatable hub such that a throughhole of the compact disc receives said hub;

engaging the compact disc with a fan device such that the compact disc is biased farther onto said hub;

attaching said fan device to said hub; and

rotating said hub such that the compact disc and said fan device also rotate, and said fan device moves air about the compact disc to thereby carry heat away from the compact disc.

16. The method of claim 15, wherein said attaching step includes placing the fan device on the hub such that a throughhole of said fan device receives said hub with an interference fit.

17. The method of claim 15, wherein said rotating step includes blowing air toward the compact disc.

18. The method of claim 15, wherein said rotating step includes drawing air away from the compact disc.

19. The method of claim 15, wherein said engaging step includes using a compression arm to push said fan device into engagement with the compact disc.

20. The method of claim 19, wherein said compression arm is integrally formed with said fan device.

21. The method of claim 15, wherein said attaching step includes using a compression arm to push said fan device onto said hub with an interference fit.

22. The method of claim 21, wherein said compression arm is integrally formed with said fan device.